

FORM PTO-1449  
(REV. 7-80)INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION

(Use several sheets if necessary)

ATTY. DOCKET NO.  
SAB92-01A2A

SERIAL NO.

CIP OF  
08/887,178-09/205,945

APPLICANT

Steven A. Bogen et al.

FILING DATE

12/04/98

GROUP

1743

## U.S. PATENT DOCUMENTS

| EXAM-<br>INER<br>INI-<br>TIAL |    | DOCUMENT NUMBER | DATE     | NAME                   | CLASS                | SUB-<br>CLASS         | FILING DATE<br>IF<br>APPROPRIATE |
|-------------------------------|----|-----------------|----------|------------------------|----------------------|-----------------------|----------------------------------|
| 11.                           | AA | 3,768,704       | 10-30-73 | Beguin                 | 222                  | 207                   |                                  |
|                               | AB | 3,955,930       | 05-11-76 | Shapiro                | 422<br><del>23</del> | 50<br><del>255</del>  |                                  |
|                               | AC | 4,095,722       | 06-20-78 | Miller                 | 222                  | 1                     |                                  |
|                               | AD | 4,130,224       | 12-19-78 | Norman et al.          | 222                  | 207<br><del>185</del> |                                  |
|                               | AE | 4,268,226       | 05-19-81 | Morris                 | 417                  | 332                   |                                  |
|                               | AF | 4,334,640       | 06-15-82 | van Overbruggen et al. | 222                  | 207                   |                                  |
|                               | AG | 4,526,294       | 07-02-85 | Hirschmann et al.      | 222                  | 47                    |                                  |
|                               | AH | 4,690,005       | 09-01-87 | Tervamaki et al.       | 73                   | 864.12                |                                  |
|                               | AI | 4,760,939       | 08-02-88 | Ball et al.            | 222                  | 23                    |                                  |
|                               | AJ | 4,844,868       | 07-04-89 | Rokugawa               | 422                  | 64                    |                                  |
|                               | AK | 4,846,636       | 07-11-89 | Danby et al.           | 417                  | 413.1                 |                                  |

## FOREIGN PATENT DOCUMENTS

|     |    | DOCUMENT NUMBER | DATE     | COUNTRY | CLASS | SUB-<br>CLASS | TRANSLATION<br>YES NO |
|-----|----|-----------------|----------|---------|-------|---------------|-----------------------|
| 11. | AL | 0 201 780       | 11-20-86 | EPO     |       |               | X                     |
|     | AM | WO94/29187      | 12-22-94 | Europe  |       |               |                       |
|     | AN | 0 167 274       | 01-08-86 | Europe  |       |               |                       |
|     | AO | 0 268 237       | 05-25-88 | Europe  |       |               |                       |
|     | AP |                 |          |         |       |               |                       |

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

|     |    |   |
|-----|----|---|
| 11. | AR | Brochure, IDX 2000 Automated Immunohistochemistry System, Immunodiagnosics, Inc., 1990, 4 pages                       |
|     | AS | Strose, W.P., et al., "Automation of APAAP Immunocytochemical Technique," J. Clin. Pathol., 42:106-112 (1989).        |
|     | AT | Stark, E., et al., "An Automated Device for Immunocytochemistry," Journal of Immunological Methods, 107:89-92 (1988). |

EXAMINER

DATE CONSIDERED

04/18/00

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~~08/887,178~~

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APPLICANT  
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02/04/98GROUP  
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## U.S. PATENT DOCUMENTS

| EXAM-<br>INER<br>INI-<br>TIAL |     | DOCUMENT NUMBER | DATE     | NAME                   | CLASS | SUB-<br>CLASS | FILING<br>DATE IF<br>APPROPRIA<br>TE |
|-------------------------------|-----|-----------------|----------|------------------------|-------|---------------|--------------------------------------|
| 1.1.                          | AA2 | 4,967,940       | 11-06-90 | Blette et al.          | 222   | 214           |                                      |
|                               | AB2 | 4,974,754       | 12-04-90 | Wirz                   | 222   | 207           |                                      |
|                               | AC2 | 5,100,030       | 03-31-92 | Roggenburg, Jr. et al. | 222   | 181           |                                      |
|                               | AD2 | 5,232,664       | 08-31-93 | Krawzak et al.         | 422   | 64            |                                      |
|                               | AE2 | 5,316,452       | 05-31-94 | Bogen et al.           | 417   | 412           |                                      |
|                               | AF2 | 5,645,114       | 07-08-97 | Bogen et al.           | 141   | 145           |                                      |
|                               | AG2 | 3,853,092       | 12-10-74 | Amos et al.            | 118   | 56            |                                      |
|                               | AH2 | 4,043,292       | 08-23-77 | Rogers et al.          | 118   | 667           |                                      |
|                               | AI2 | 4,092,952       | 06-06-78 | Wilkie et al.          | 118   | 58            |                                      |
|                               | AJ2 | 4,224,032       | 09-23-80 | Glover et al.          | 430   | 416           |                                      |
|                               | AK2 | 4,358,470       | 11-09-82 | Rasmussen              | 427   | 4             |                                      |
|                               | AA3 | 4,543,236       | 09-24-85 | von Gise               | 422   | 50            |                                      |
|                               | AB3 | 4,537,561       | 08-27-85 | Xanthopoulos           | 417   | 63            |                                      |
|                               | AC3 | 4,731,335       | 03-15-88 | Brigati                | 436   | 180           |                                      |
|                               | AD3 | 4,741,259       | 05-03-88 | Ogata, et al.          | 99    | 279           |                                      |
|                               | AE3 | 4,764,342       | 08-16-88 | Kelln et al.           | 422   | 72            |                                      |
|                               | AF3 | 4,798,580       | 01-17-89 | DeMeo, et al.          | 604   | 30            |                                      |
|                               | AG3 | 4,824,337       | 04-25-89 | Lindner, et al         | 417   | 417           |                                      |
|                               | AH3 | 4,838,887       | 06-13-89 | Idriss                 | 604   | 891.1         |                                      |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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|------|----|---|
| 1.1. | AU | MaWhinney, W.H.B., et al., "Automated Immunochemistry," J. Clin. Pathol., 43(7):591-596 (1990). |
|------|----|---|

EXAMINER

*J. Smith*

DATE CONSIDERED

04/18/00

| PTO-1449 REPRODUCED   |     |                 |          | ATTORNEY DOCKET NO.<br>SAB92-01A2A  |       | APPLICATION NO. <del>08/887,178</del> <sup>09/205,945</sup> <del>01P</del> <sup>01P</sup> OF |                                  |
|---|-----|-----------------|----------|-------------------------------------|-------|--|----------------------------------|
| <b>INFORMATION DISCLOSURE CITATION<br/>IN AN APPLICATION</b><br><br>(Use several sheets if necessary) |     |                 |          | APPLICANT<br>Steven A. Bogen et al. |       |  |                                  |
|   |     |                 |          | FILING DATE<br>12/04/98             |       | GROUP<br>1743  |                                  |
| U.S. PATENT DOCUMENTS   |     |                 |          |                                     |       |  |                                  |
| EXAM-<br>INER<br>INI-<br>TIAL   |     | DOCUMENT NUMBER | DATE     | NAME                                | CLASS | SUB-<br>CLASS  | FILING DATE<br>IF<br>APPROPRIATE |
| 1.  | AI3 | 4,846,797       | 07-11-89 | Howson et al.                       | 604   | 154  |                                  |
| /   | AJ3 | 4,847,208       | 07-11-89 | Bogen                               | 436   | 174  |                                  |
|   | AK3 | 4,933,146       | 06-12-90 | Meyer et al.                        | 422   | 63   |                                  |
|   | AA4 | 4,985,206       | 01-15-91 | Bowman et al.                       | 422   | 99   |                                  |
|   | AB4 | 5,049,359       | 09-17-91 | Azuma et al.                        | 422   | 67   |                                  |
|   | AC4 | 5,073,504       | 12-17-91 | Bogen                               | 436   | 174  |                                  |
|   | AD4 | 5,231,029       | 07-27-93 | Wooton et al.                       | 435   | 303.2  |                                  |
|   | AE4 | 5,246,665       | 09-21-93 | Tyranski et al                      | 422   | 64   |                                  |
|   | AF4 | 5,425,918       | 06-20-95 | Healey et al.                       | 422   | 64   |                                  |
|   | AG4 | 5,439,649       | 08-08-95 | Tseung et al.                       | 422   | 99   |                                  |
|   | AH4 | 5,475,610       | 12-12-95 | Atwood et al.                       | 364   | 500  |                                  |
|   | AI4 | 5,595,707       | 01-21-97 | Copeland et al                      | 422   | 64   |                                  |
|   | AJ4 | 3,164,304       | 01-05-65 | Jager et al.                        | 222   | 192  |                                  |
|   | AK4 | 3,850,190       | 11-26-74 | Carlson                             | 137   | 218  |                                  |
|   | AA5 | 4,141,474       | 02-27-79 | Nilson                              | 222   | 493  |                                  |
|   | AB5 | 4,220,285       | 09-02-80 | Gualdi                              | 239   | 309  |                                  |
|   | AC5 | 4,699,300       | 10-13-87 | Blake                               | 222   | 494  |                                  |
|   | AD5 | 5,320,845       | 06-14-94 | Py                                  | 424   | 427  |                                  |
|   | AE5 | 5,551,487       | 09-03-96 | Gordon et al.                       | 141   | 1  |                                  |
| EXAMINER<br><i>J. M. B.</i>   |     |                 |          | DATE CONSIDERED<br>04/18/00         |       |  |                                  |